

Amendments to the Specification:

Please amend the specification as follows:

Please replace the paragraph starting at page 4, line 4, with the following rewritten paragraph:

The read/write device 12 includes a power supply circuit 20, a processor 22, and a light emitting diode ~~D2~~ D3. The power supply circuit 20 includes a radio frequency generator G, and inductor L1, a capacitor C1 and a coupler 28. The generator G operates at 2.45GHz and the values of components L1 and C1 are selected to tune the combination to that frequency.

Please replace the paragraph starting at page 4, line 17, with the following rewritten paragraph:

When the read/write device 12 is to communicate with the memory tag 10 the processor 22 causes the light emitting diode D2 to operate such that it emits light 24, the output being amplitude modulated with the required data and/or control signals. The amplitude modulation can be achieved simply by switching the light emitting diode ~~D3~~ D2 on and off such that it emits pulses of light. The emitted light 24 is received by sensor S1, which is conveniently a photo-transistor, on the memory tag 10. The resistance of the photo-transistor S1 varies with the intensity of light falling on it, and thus when a voltage is applied across it that variation in resistance can be detected. Thus the input signals to the memory tag 10, being data and/or control signals, which are carried by the light are deciphered by the processor 18b, and where appropriate passed to the memory 18a for storage.